POLIFOR® 10 TR/40

POLIFOR®

Polypropylene, homopolymer, 40% Talc filled.

Product information

Resin Identification	PP-T40	ISO 1043
Part Marking Code	>PP-T40<	ISO 11469

Rheological properties

Melt mass-flow rate	10	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	624000	psi	ISO 527-1/-2
Tensile stress at yield, 50mm/min	4100	psi	ISO 527-1/-2
Flexural modulus	595000	psi	ISO 178
Flexural strength	6530	psi	ISO 178
Charpy impact strength, 23°C	9.51	ftlb/in^2	ISO 179/1eU
Charpy notched impact strength, 23°C	0.761	ftlb/in^2	ISO 179/1eA
Izod notched impact strength, 23°C	0.999	ftlb/in^2	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h 50N	208	°F	ISO 306

Physical/Other properties

Density	0.0458	lb/in^3	ISO 1183

Characteristics

Processing	Injection Molding

Additional information

Processing Notes

Storage

This product should be stored in a covered facility and kept away from moisture and heat.

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